



KTC-231GY

KTC-231NT

92-99 Suburban/Tahoe/Yukon/Escalade

INSTALLATION MANUAL





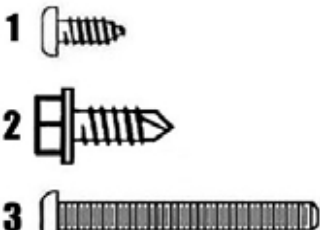
These instructions are intended for experienced professional installers within mobile electronics industry. Specialized tools and equipment, as well as careful handling of product during installation may be required. Before beginning this installation, carefully read through the following instructions. **Use extreme care when cutting headliner material.** Check for wiring or other critical components above headliner material, and cut only where indicated.

Materials / Tools required for this installation:

1. Phillips screwdriver
2. Powered screwdriver or drill with adapter
3. Awl or scribe point tool or similar
4. Razor knife or similar tool
5. 18 GA wire 4'
6. Analog or digital multi-meter
7. Rubbing alcohol
8. ALPINE TMX-R680A Mobile Overhead Monitor

MATERIALS PROVIDED FOR INSTALLATION:

ITEM	Description	QTY
1	SCREW, # 6 x 3/8" PPH	2
2	SCREW, #10 X 1/2" HWH	4
3	SCREW, 8-32 X 1 1/2" PPH	4
4	VELCRO TAPE, 1" X 6"	1
5	TEMPLATE	1
6	FRONT MOUNTING BRACKET	1
7	REAR MOUNTING BRACKET	1
8	CONSOLE	1
9	SWITCH, SPDT	1



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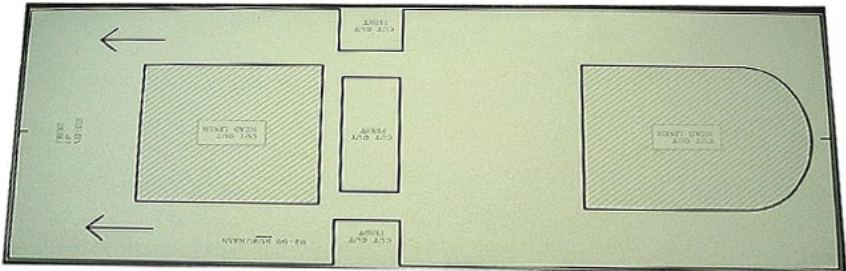
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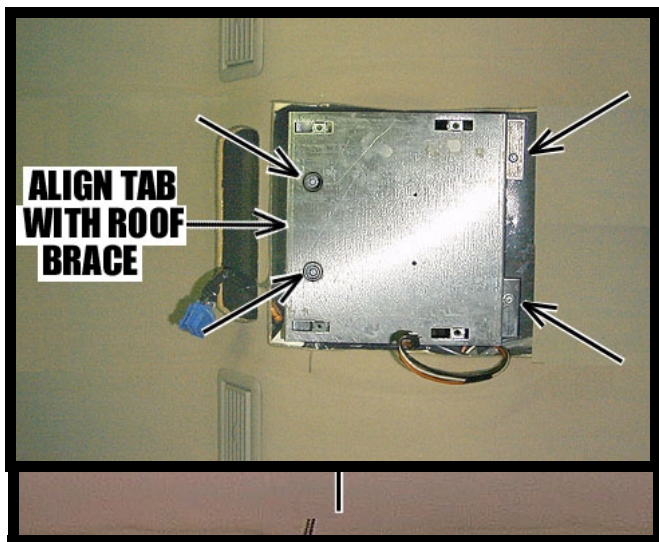


PHOTO 1

I. REMOVAL OF O.E.M. EQUIPMENT

1. Remove O.E. dome light, rear A/C control head, and trim ring. Disconnect wiring and set control head aside in a safe place. Discard dome light. See Photo 1.

II. PREPARATION OF VEHICLE INTERIOR



PHOTO 2

2. Trim template (item 5 pg. 3) as shown to allow alignment with A/C control and louvers. Locate template at A/C control cut out and louvers. Make sure that arrow is pointing forward and template is centered left to right in vehicle. Use suitable tape to hold template in position. Using a razor knife, carefully cut and remove headliner in shaded area to allow clearance for mounting bracket. See Photo 2.
3. Install front mounting bracket (item 6 pg. 3) by aligning flange on bracket with O.E. roof brace. Make sure that bracket is centered left to right and secure using (4) four # 10 x 1/2" screws (item 2 pg. 3). See Photo 3.
4. In determining the mounting location, **CHECK THAT THE MONITOR CAN NOT BE VIEWED BY THE DRIVER AND THE MONITOR WILL**

PHOTO 3

NOT IMPROPERLY LIMIT REAR VIEW MIRROR FUNCTIONS. ALSO ENSURE COMPLIANCE WITH ALL APPLICABLE SAFETY STANDARDS GOVERNING THE FUNCTION OF THE REAR VIEW AND THE

PASSENGER'S SAFETY.

5. Use rubbing alcohol to clean sheet metal in rear area of headliner cut out. Use a clean cloth to dry surface. Remove protective backing from adhesive strips on rear mounting bracket (item 7 pg. 3) and position tab 20 1/4" from rear edge of front mounting bracket. See Photo 4. **Make sure bracket is centered left to right and firmly press against roof. DO NOT reposition bracket or tape may not adhere securely.**

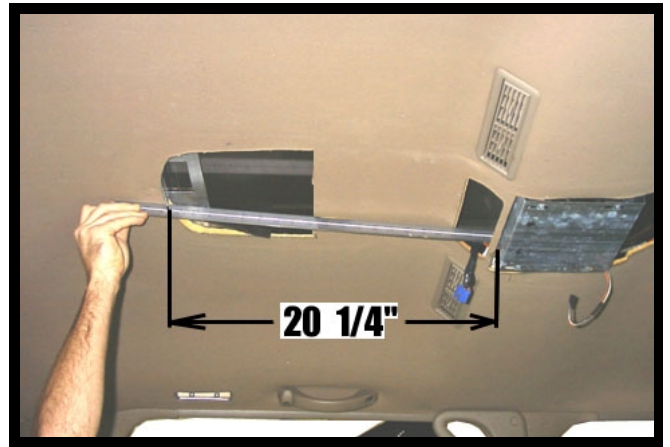


PHOTO 4

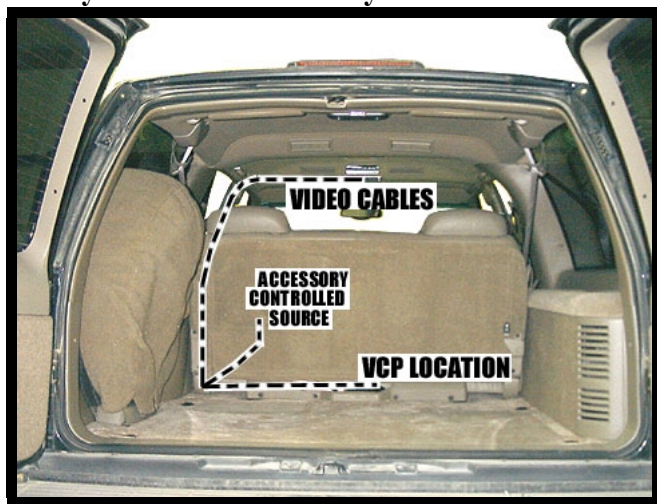


PHOTO 5

follows: Above the headliner from video system to B-pillar. Down the B-pillar to the floor. Route the power lead to an accessory controlled source. Connect the ground lead to the vehicle chassis. Route the remaining wiring to the VCP location. See Photo 5. Connect per instructions included with the video system.

6. Construct a 1 ft. jumper harness that will connect the vehicle's dome light wires to the lights in LCD monitor housing. Refer to wiring/connections section of the TMX-680A owner's manual for details.
7. Using an analog or digital multi-meter, test function of lights.

8. Install and route all video and audio cables, and any other added component requirements to their respective places in the vehicle. Refer to component installation instructions for wiring diagrams. The suggested routing of the video system cable is as

III. INSTALLATION OF CONSOLE

Caution: Use support for the console until secured to the vehicle.

Failure to do so may cause damage to console or installed components.

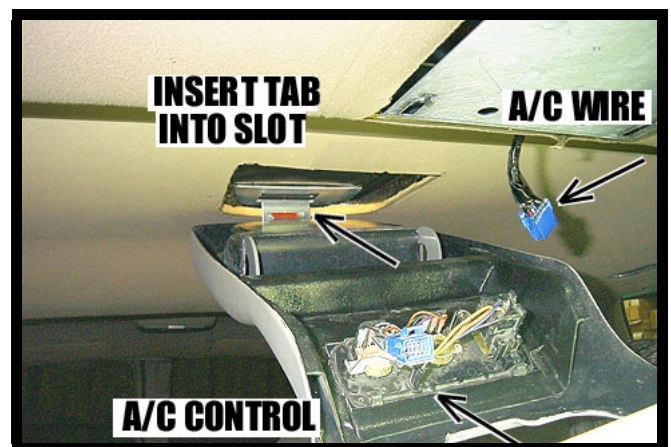


PHOTO 6

9. Install A/C control head and trim ring into opening in console. Raise console into approximate position and connect A/C control wires. Insert bracket on rear of console into rear mounting bracket (item 7 pg. 3) and slide rearward. See Photo 6. Position console against headliner.

10. Make sure console alignment is straight and matches contours in headliner, then secure console using (2) two # 6 x 3/8" screws (item 1 pg. 3) through the slots



PHOTO 7

in bracket on console into holes on front mounting bracket.

11. Install dome light switch (item 9 pg. 3) into opening on front of console. See Photo 7.

12. Release LCD monitor panel from locked position. Lower to viewing position for access to mounting location in top of housing.

13. Raise monitor housing into approximate position and connect all wiring to components. Connect wiring and cabling per instructions included with LCD monitor. **Caution: Check for clearance of dome light switch terminals and other wiring to prevent possibility of a short circuit.**
14. Check function of all components and lights. See operating instructions for video operations check. For further assistance, refer to page # 8 for the technical support phone number listed for your area.

15. Insert monitor housing into opening in console.
Note : Make sure wires do not get pinched between housing and console. Align holes in housing with clips in mounting bracket. Secure using (4) four 8-32x 1 1/4" screws (item 3 pg. 3). See Photo 8.

Caution : Do not over tighten screws.

16. Raise LCD monitor panel into locked position.

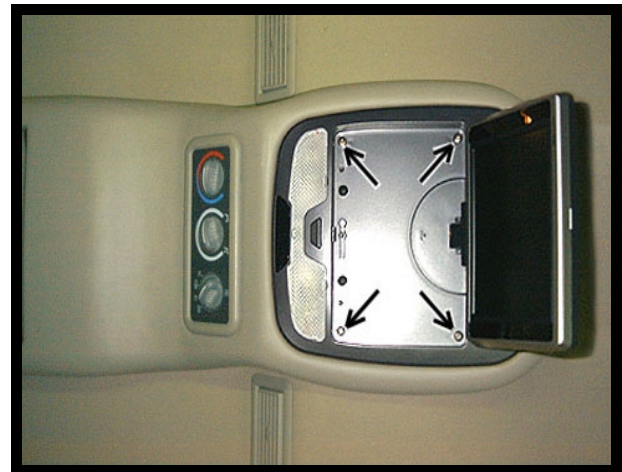


PHOTO 8



PHOTO 9

17. Cut Velcro tape (item 4 pg. 3) into 2" pieces. Remove protective backing from tape and apply to remote controls. Position them against the console door and press firmly on remote while holding the door.
18. Raise remote control door into locked position.



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